AVOX Systems

171 Series
Overboard Discharge Indicator

The AVOX Systems Overboard Discharge Indicator for aircraft oxygen systems provides a visual indication of oxygen system overboard venting. This offers immediate detection during walk around or other ground checks.

The indicator is attached to the aircraft skin and is connected by tubing to the high pressure safety relief device mounted on the oxygen cylinder regulator or valve.

When the line pressure reaches 80±30 psig, the green snap-in nylon indicator disc dislodges, providing instant visual indication of oxygen system venting.

Outstanding Features:

- Precision construction
- Dependable activation at 80±30 psig
- Nylon snap-in replacement discs

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ISO 9001:2000 / AS9100 A:2001
AS9100

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Overboard Discharge Indicator

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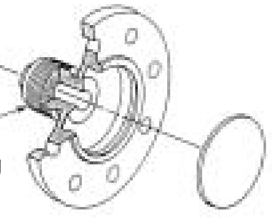
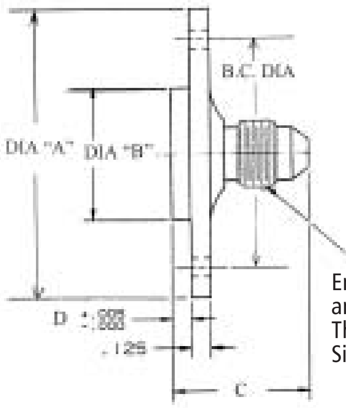
Specifications										
AVOX P/N	**Dia. A**	**Dia. B**	**Dia. B C**	**Dim. C**	**Dim. D**	**Dia. E Hole**	**Hole Pattern**	**End Fitting & Thread Size**	**Replacement Disc P/N**	**Activation Pressure (PSIG)**
171-12	1.62	0.875	1.250	0.812	0.040	0.125	8	MS33656E4 .4375-20 UNJF-3A	171-10	80±30
171-12-1	1.62	0.875	1.250	0.812	0.040	0.125	8	MS33656E5 .500-20 UNJF-3A	171-10	80±30
171-12-2	1.62	0.875	1.250	0.812	0.040	0.125	8	MS33656E4 .4375-20 UNJF-3A	171-10-1	80±30
171-12-3	1.62	0.875	1.250	0.812	0.040	0.125	8	MS33656E5 .500-20 UNJF-3A	171-10-1	80±30
171-13	1.90	0.875	1.500	0.890	0.120	0.125	8	MS33656E4 .4375-20 UNJF-3A	171-10	80±30
171-15	2.62	1.125	2.020	0.812	0.062	0.125	6	MS33514E5 .500-20 UNJF-3A	171-10	80±30

Unless otherwise specified, all diameters, dimensions, and thread sizes are in inches.

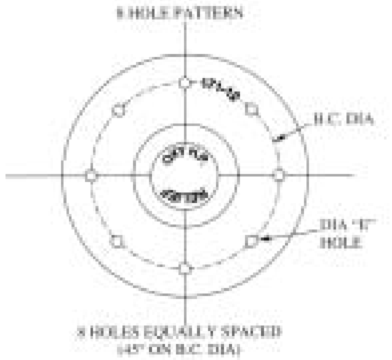
Replacement Disc
AVOX P/N 171-10 or 171-10-1

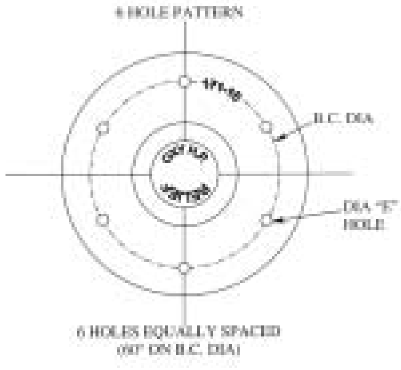


End Fitting



End Fitting and Thread Size





AVOX Systems Overboard Discharge Indicator Aircraft Usage	
AVOX P/N	**Aircraft Applications**
171-12	Gulfstream GIII Gulfstream GIV Commander 114B Commander 114TC Pilatus PC-12
171-13	Canadair CL600 Canadair CL601 Canadair CL601-3A Canadair RJ100 Canadair RJ700 Canadair Global Express Saab 340A Saab 340B Saab 2000

AVOX Systems offers other Overboard Discharge Indicator configurations. Contact AVOX Systems for additional information.

WARNING

IMPROPER INSTALLATION, USE OR MAINTENANCE OF THIS DEVICE MAY RESULT IN PERSONAL INJURY OR DEATH.

THIS DEVICE IS TO BE INSTALLED AND SERVICED ONLY BY TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE OXYGEN AND KNOWLEDGEABLE IN AVIATION OXYGEN EQUIPMENT.

THIS DEVICE IS TO BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS PER MIL-PRF-27210.

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